

**CENTRE OF STUDIES FOR BUILDING SURVEYING  
FACULTY OF ARCHITECTURE, PLANNING AND SURVEYING  
UNIVERSITI TEKNOLOGI MARA**

**A STUDY DESIGN AND MAINTENANCE OF FACADE FOR  
GOVERNMENT BUILDING, PUTRAJAYA**

**SAHRIZAN BIN AHMAD  
(2012543419)**

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requirements  
for the degree of  
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Centre of Studies for Building Surveying  
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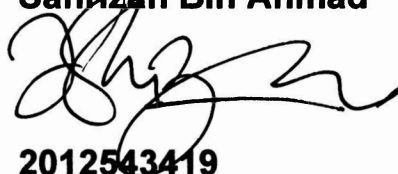
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**"I hereby declare that this academic project is the result of my own  
research except for the quotation and summary which have been  
acknowledged"**

**Student's Name : Sahrizan Bin Ahmad**

**Signature :**



**UiTM No. : 2012543419**

**Date : January 22<sup>nd</sup> , 2015**

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## **ABSTRACT**

Building design that takes into consideration aspect of maintenance during the design phase, it affects the performance of the building when it is fully operational. In Malaysia, for example, most of the designer of the building, especially the architect and design engineer claims they have sufficient experience in the field of maintenance, but the majority still not equally concerned with the maintenance aspect during a building designed. The aim of this study is to identify maintenance problems for external building facade, especially problematic from the failure of design, lack of information, the impact of design on maintenance activities. The objective of study is to study the relationship between the design and maintenance of building facade government building Putrajaya, to investigate maintenance problems for building façade and to improve guideline in maintenance programme for building façade. The methodology on doing this dissertation that carry out by literature review, data collection, by questionnaire, interview and observation. The results showed, the main problem that the maintenance firms are currently facing that caused by building design. Problems in terms of maintenance access, maintenance management, equipment, problems to access all parts of the building's facade. In general, based on the result that have been collected and analysed, the structure of the facade is an essential part as well as aesthetic of the building one building organization, based on studies that have been conducted facade design and maintenance activities are related to each other and problem arise when there is an imbalance consideration of the desing and maintenance for the future. Based on a study conducted, building in putrajaya have a problems in term of design and maintenance activities on the façade of the structure is still in moderate. Thus, it is important for the management of a project concerned with issues regarding the maintenance from the beginning again to reduce the problems mentioned above.